

UNITED STATES  
PATENT AND TRADEMARK OFFICE



# Patent Public Advisory Committee Quarterly Meeting

## IT Update

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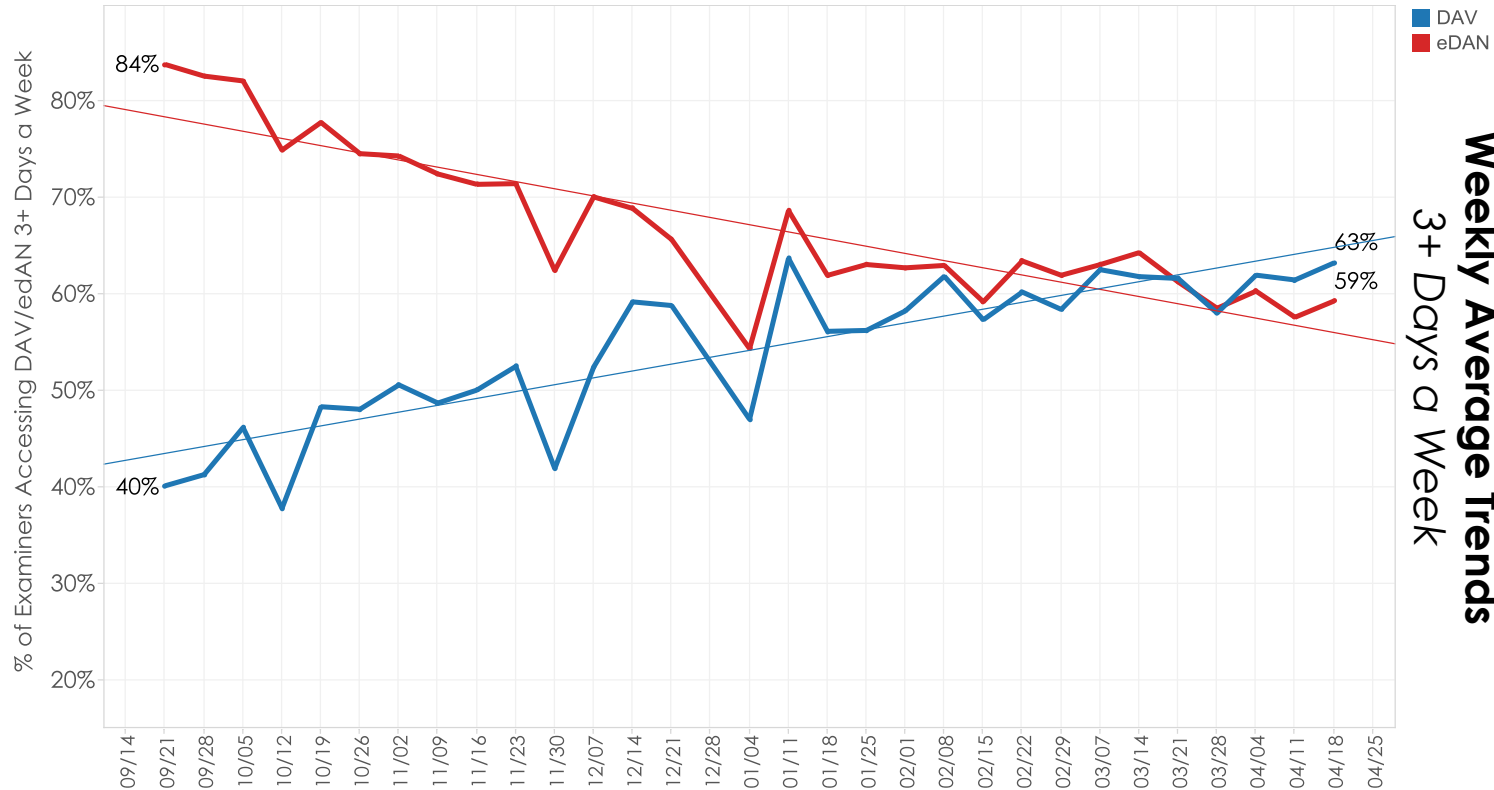
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# Major PE2E Examination Products

Effort	Description	Release Date
<b>Docket &amp; Application Viewer (DAV)*</b> in Examination Tools & Infrastructure (ET&I) project (replaces eDan)	Case management tool: docket with multiple views; planner to prioritize work; document, claims, application management; IDS viewer, electronic notes	<b>Released Mar 2015</b> Enhancement released quarterly 508 Certification release Feb 2016 eDAN Parity planned May 2016
<b>Official Correspondence</b> (Office Actions/replaces OACS)	Authoring & workflow solution; integrates with DAV by leveraging notes, references, & dispositions	Production release target Dec 2016 Limited audience release Nov 2016 <b>Pilot released Feb 2016</b>
<b>Examiner Search</b> (replaces EAST/WEST)	Modern, scalable enterprise search for Patent Examiners	Production release target Dec 2016 Limited Audience Release Nov 2015 <b>Pilot release Apr 2016</b>
<b>Cooperative Patent Classification (CPC)</b>	Harmonization & modernization of classification jointly managed between USPTO & EPO. Facilitates collaborative maintenance of classification system	Released Jan 2013 <b>Released enhancements Oct 2015</b>

# DAV Release Status: Usage over Time



# PE2E Key Release: Examiner Search

## Status

- Apr 2015: Resumed development on existing UI and technology based on same software used in GPSN and Assignments on the Web
- Apr 2015: Completed study on USPTO approach, validated current toolset
- Nov 2015: Released to limited audience; all search collections, 119M documents & 41TB data total
- Apr 2016: Pilot release; focus on performance, 508 compliance (delayed from March)

## Next Steps

- July 2016: Pilot release to larger audience; performance improvements, additional feature parity
- Oct 2016: Pilot release of feature complete product
- Dec 2016: Release to Examination Corps



# PE2E Key Release: Official Correspondence

## Status

- Apr 2015: Completed 1<sup>st</sup> workflow prototype
- Apr 2015: Completed selection & validation of toolset, including MS Word 2013 based authoring tool
- Nov 2015: Completed first limited audience release (delayed from Sep 2015)
- Dec 2015, Jan 2016: Completed - Office 2013 release in USPTO resolves key dependency
- Feb 2016: Completed - Forms for Legal Instruments Examiner (LIE), UI improvements
- Apr 2016: LIE workflow & mailing, additional Examiner web-based forms

## Next Steps

- July 2016: Task pane replacement, reporting, workflow, GUI, additional Examiner web-based forms (delayed from Jun 2016)
- Oct 2016: Authoring, task pane replacement, reporting, GUI, Examiner workflow & mailing, complete Examiner forms, integration w/external systems (delayed from Aug 2016)
- Dec 2016: Release to Examination Corps



# PE2E Key Release: Content Management System

Consolidates multiple content repositories into single, modern, highly available solution to reduce duplication & support distributed deployment to decrease downtime

## Status

- Jan 2016: 70% of all IFW data available to the Patent Corps in the PE2E CMS (delay)
- Mar 2016: 99.5% of IFW data migrated to PE2E CMS (delay from Dec 2015)
- Apr 2016: CMS taken offline due to issues related to completing requirements for disaster recovery and high availability

## Next Steps

- Complete requirements for disaster recovery and high availability in order to bring PE2E CMS back into production in FY17
- Support migration of data from other legacy repositories

# PE2E Key Release: Data for PE2E

Converts images to structured text (XML) that Examiners can use with analytical tools.

Documents converted include Claims, Specifications, Abstracts, Remarks, Information Disclosure Statements, Petitions, and Briefings.

## Status

- Jun 2015: Approx 164M pages converted from image and are available to the Examiners in structured text.
- March 2016: Approx 203M pages converted from image and are available to Examiners; on-demand Optical Character Recognition & supporting user interface



# PE2E Key Release: Global Dossier

## Public Access to Foreign Application Dossiers (GD-PAD)

Provide published US application dossier documents via web services for consumption by foreign IP Offices and a public-facing USPTO website to access foreign IP Office application documents

### Status

- Work ongoing to implement secure pre-publication document sharing among IP partners

### Next Steps

- Jul 2016: Deliver Global Dossier Document Sharing Prototype for IP5 Offices to for testing
- Dec 2016: Deliver a completely integrated production ready Global Dossier Document Sharing system with fully functional active component services, user authentication, alert email notifications, shared document processing capability, and integration with IFW/CMS

# PE2E Key Release: CPC Database

Enhance the Classification Allocation Tool (CAT) to support CPC Reclassification projects and create RESTful style classification web services for use by external legacy applications (replacing CDS services), and Next Gen applications - DAV and Enterprise Search Tools (EST)

## Status

- Feb 2016: Delivered enhanced “My CPC Collection” for Examiners to create personalized collection of CPC symbols and Combination sets; enhanced Classification Picture tool to identify Invalid and Frozen symbols; established environment at Boyers for Business Continuity/Disaster Recovery (BC/DR) capability.
- Apr 2016: Delivered enhanced CPC Scheme Viewer for symbol level view; presented crosswalk data for USPC to CPC concordance for examiners.

## Next Steps

- Jul 2016: Deliver enhanced QA and Reclassification tools to comply with new Business rules; integrate Production Data Control Services (PDCS) tool into CAT; create services for CDS retirement
- Oct 2016: Deploy new CPC-NTL database & services in the cloud



# PE2E Key Release: CPC IP Office Collaboration Tools

Work with EPO to select and adapt web-based collaboration tools plus make required network and/or application changes. Provide examiners a message board-like environment to discuss classification issues and recommend revision projects

## Status

- Nov 2015: Enhanced Scheme Navigator; implemented Definitions Editor implement federated identity management solution
- Feb 2016: Enhance Scheme Navigator and Definitions Editor
- May 2016: Enhance RST (Revision Support Tools) for automatic generation of Notice of Change (NOC) artifacts; Structured Proposal Editor to import existing docx files; Dashboards to show multi-year release plan

## Next Steps

- Aug 2016: Enhancements for Revision Support Tools, Structured Proposal Editor, Scheme Navigator, and Dashboards
- Nov 2016: Deliver Structured Proposal Editor enhancements, definitions, and images



# Questions and Comments

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